

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) An information providing apparatus, comprising:
a hierarchizing section for hierarchizing electronic program guide information to be provided into first information which designates predetermined information on specific broadcasts of a program and second information to be referred to by the first information for general information on said program,
wherein the first information, which can change, comprises electronic program guide information associated with said program; and
wherein the second information, which cannot be changed, comprises electronic program guide information associated with said program;
a first providing section for providing at least one of the first information and the second information;
a second providing section for providing layout information which relates to a layout of the electronic program guide information when displayed on a screen, and wherein the first information and the second information each include a tag to enable data included therein to be associated with the layout information; and
wherein said electronic program guide information is displayed according to media on which said data or at least one of said first information and said second information is provided.

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

2. (Previously Presented) An information providing apparatus according to claim 1, wherein said first providing section provides the first information or the second information by radio or wire communication or by a recording medium, and said second providing section provides the layout information by radio or wire communication or by a recording medium.
3. (Previously Presented) An information providing apparatus according to claim 1, wherein said first providing section provides the first information by radio or wire communication when a broadcasting time of a program is changed.
4. (Previously Presented) An information providing apparatus according to claim 3, wherein said first providing section provides the first information in a superposed relationship with a vertical blanking period of a television signal.
5. (Previously Presented) An information providing apparatus according to claim 3, wherein said first providing section provides the first information digitally in a superposed relationship with a television signal.
6. (Previously Presented) An information providing apparatus according to claim 1, wherein said first providing section and said second providing section provide the first information and the second information as well as the layout information digitally by radio or wire communication.

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

7. (Previously Presented) An information providing apparatus according to claim 1, wherein said hierarchizing section determines that information of the electronic program guide information which is changed between regular broadcasting and rebroadcasting as the first information and determines that information of the electronic program guide information which is not changed as the second information.

8. (Previously Presented) An information providing apparatus according to claim 1, wherein

the first information comprises that information of the electronic program guide information which may change between key station broadcasting and local station broadcasting and the second information comprises that information of the electronic program guide information which is not changed.

9. (Previously Presented) An information providing apparatus according to claim 1, wherein said hierarchizing section hierarchizes the second information further into third information which is small in amount and is referred to by the third information and fourth information which is large in amount and is referred to by the first information or the third information.

10. (Original) An information providing apparatus according to claim 9, wherein the first information is information in units of a program to be broadcast and the third information of the second information includes information for identifying a performer who

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

constructs the program while the fourth information of the second information includes information regarding details of a performer who performs in the program.

11. (Previously Presented) An information providing method, comprising the steps of:

hierarchizing electronic program guide information to be provided into first information which designates predetermined information on specific broadcasts of a program and second information to be referred to by the first information for general information on said program,

wherein the first information, which can change, comprises electronic program guide information associated with said program; and

wherein the second information, which cannot be changed, comprises electronic program guide information associated with said program;

providing at least one of the first information and the second information;

providing layout information from which relates to a layout of the electronic program guide information when displayed on a screen, and wherein the first information and the second information each include a tag to enable data included therein to be associated with the layout information; and

displaying said electronic program guide information according to media on which said data or at least one of said first information and said second information is provided.

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

12. (Previously Presented) A computer program stored on a computer readable medium, the program being operable to perform the steps of:

hierarchizing electronic program guide information to be provided into first information which designates predetermined information on specific broadcasts of a program and second information to be referred to by the first information for general information on said program,

wherein the first information, which can change, comprises electronic program guide information associated with said program; and

wherein the second information, which cannot be changed, comprises electronic program guide information associated with said program;

providing at least one of the first information and the second information;

providing layout information which relates to a layout of the electronic program guide information when displayed on a screen, and wherein the first information and the second information each include a tag to enable data included therein to be associated with the layout information; and

displaying said electronic program guide information according to media on which said data or at least one of said first information and said second information is provided.

13. (Previously Presented) A display controlling apparatus, comprising:

a first acquiring section for acquiring at least one of first and second information, the first information designating predetermined information of electronic program guide information on specific broadcasts of a program and second information being referred to by the first information for general information on said program,

U.S. Appl. No. 09/844,354
Reply to Final Office Action dated November 2, 2006

PATENT
450100-4138.1

wherein the first information, which can change, comprises electronic program guide information, associated with said program; and

wherein the second information, which cannot be changed, comprises electronic program guide information associated with said program;

a second acquiring section for acquiring layout information which relates to a layout of the electronic program guide information when displayed on a screen;

a producing section for producing display information to be used to display the electronic program guide information from at least one of the first information and the second information, and the layout information, and wherein the first information and the second information each include a tag to enable data included therein to be associated with the layout information; and

wherein said electronic program guide information is displayed according to media on which said data or at least one of said first information and said second information is provided.

14. (Previously Presented) A display controlling apparatus according to claim 13, further comprising a display section for displaying the electronic program guide information.

15. (Previously Presented) A display controlling apparatus according to claim 13, wherein said producing section retrieves information from the first information or the second information in response to the layout information and produces the display information in response to the retrieved information and the layout information.